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OSA 0651-64
30 January 1964

MEMORANDUM FOR: Deputy for Field Activities, OSA

SUBJECT: Assignment of Programmers for Satellite
Operations Center Support

1. To satisfactorily accomplish the task of supporting
the Satellite Operations Center (SOC) with computer programs
a total of three digital system programmers must be assigned
at the earliest possible time. The computer support for the
SOC includes development of real-time programs:

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b. For target conflict programs considering targets
versus system capability in relation to position at any point
on the ephemeris.

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c. For ephemeris computations for _(blank box)_
including multiple mission comparison for command and control
purposes, as well as variations in printouts designating
equatorial crossing or any other specific points on any
ephemeris.

d. For plotting ephemeris of any satellite mission
as well as target plotting on various type maps or overlays.

2. A minimum amount of support in the initial programs
covering the items listed above has been rendered through
utilization of two digital system programmers on loan from
Office of Computer Services. The average number of man hours
expended just on the programming effort for the SOC has
exceeded 350 per month for the last three months. The actual
production effort, i.e., running of programs to produce
ephemeris data and plotting, is accomplished by other assigned
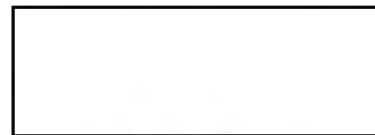personnel.

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     3. A very minimum of three programmers is required in
order to provide adequate programming support on a continuing
basis, with a view to sophistication of present programs,
and development of new programs as required by the SOC. Two
Air Force officers have been identified as qualified to fill
two of the three positions. They are ⬚ ⬚hus far
attempts to identify the third Air Force officer have proved
unsuccessful, but continuing effort will be directed to this
end.

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        1 - C/AD/FA/OSA
        1 - RB/OSA